

Product datasheet for **SC331316**

ISY1 (NM_001199469) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ISY1 (NM_001199469) Human Untagged Clone
Tag: Tag Free
Symbol: ISY1
Synonyms: FSAP33
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331316 representing NM_001199469.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGCCCCGAAATGCAGAAAAGGCCATGACGGCCTTAGCAAGATTCGCCAGGCTCAGCTGGAAGAGGGA
AAAGTGAAGAACGAAGACCCCTTCTGGCCTCAGAATGTACTGAACTGCCTAAAGCTGAGAAGTGGAGA
CGACAGATCATTGGAGAGATCTCTAAAAAGTGGCTCAGATTCAGAATGCTGGTTTAGGTGAATTCGA
ATTCGTGACCTGAATGATGAAATTAACAAGCTGCTAAGGGAGAAAGGACTGGGAGTCCGGATAAAG
GAGCTGGGAGTCTGATTATGAAAAGTTGGCCCTAAAATGCTGGATCATGAAGGAAAAGAAGTCCCA
GGAAACCGAGGTTACAAGTACTTTGGAGCAGCAAAGATTTGCCTGGTGTAGAGAGCTGTTTAAAAA
GAACGCCAGGTGCGGTGGCTCATGCCTGTAAATCCAGCACTTTGGGAGGCTGAGGCGGGCGGATCACA
GCTCTTCTCCTCCAGAAAGACACGTGCTGAGCTCATGAAGCAATCGATTTTGAGTACTATGGTTAC
CTAGATGAAGATGATGGTGTATTGTGCCTTTGGAACAGGAATATGAAAAGAACTCAGAGCCGAGTTA
GTGGAAAAGTGGAAAGCAGAGAGAGAGGCTCGGCTGGCAAGAGGAGAAAAGGAAGAGGAGGAGGAAGAG
GAGGAAGAGATCAACATCTATGCAGTACCAGGAGGAGTCCGACGAGGAAGGCAGCCAGGAGAAAGGA
GGGACGACAGCCAGCAGAAGTTCATTGCTCACGTCCCTGTTCCCTCGCAGCAAGAGATTGAGGAGGCA
CTGGTGCGAAGGAAGAAAATGAACTCCTCCAGAAGTATGCAAGCGAGACCCTGCAGGCCCAAAGTGAA
GAAGCCAGAAGGCTCTGGGGTATAG
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Restriction Sites: Sgfl-Mlul
ACCN: NM_001199469
Insert Size: 924 bp
OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001199469.1](#)

RefSeq Size: 3844 bp

RefSeq ORF: 924 bp

Locus ID: 57461

UniProt ID: [Q9ULR0](#)

Cytogenetics: 3q21.3

Protein Pathways: Spliceosome

MW: 35.4 kDa

Gene Summary: Involved in pre-mRNA splicing as component of the spliceosome.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).